Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0207412F: Modular Control System

BA 7: Operational Systems Development

APPROPRIATION/BUDGET ACTIVITY

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	52.120	3.387	8.653	-	8.653	7.029	0.562	0.578	0.586	Continuing	Continuing
67485L: Theater Air Control System Imp (TACSI)	9.363	3.387	8.653	-	8.653	7.029	0.562	0.578	0.586	Continuing	Continuing
675294: Theater Air Control System Improvement - Radar (TACSI-R)	42.757	-	-	-	-	-	-	-	-	Continuing	Continuing

#### Note

In FY 2012, Project 5294, Theater Control System Improvement-Radar (TACSI-R) efforts transferred to PE 0604283F, Battle Management Command & Control (BMC2) Sensor Development, Project 6002, Three Dimensional Expeditionary Long Range Radar in order to provide this pre-Major Defense Acquisition Program its own Program Element.

## A. Mission Description and Budget Item Justification

This budget activity funds development of mobile ground-based command and control (C2) capabilities of the Control and Reporting Center (CRC) program. The CRC is identified as a component of the Integrated Air Missile Defense Family of Systems that defends the Homeland and US national interests at home and abroad by negating an adversary's ability to achieve adverse effects from their air and missile capabilities. The CRC mission is to provide battlespace awareness and tactical battle management command and control (BMC2) in an assigned area. It is a ground-based theater air control system (TACS) surveillance and BMC2 element. It consists of facilities, equipment, and people and is a tailorable, modular, transportable, sustainable and persistent weapon system employed at the tactical level to support air and surface operations. Currently, the CRCs are fully employed in Operations ENDURING FREEDOM and NOBLE EAGLE. The CRC projects include development and modernization of Theater Air Control Systems Improvement (TACSI) capabilities and the Three-Dimensional Expeditionary Long-Range Radar (3DELRR).

TACSI efforts include, but are not limited to the AN/TYQ-23 Operations Module (OM), AN/TPS-75 Long-Range Surveillance Radar and the AN/TRC-215 Remote Radio Secure Voice System (RRSVS) that may be tasked across the full range of military operations. AN/TYQ-23 OM is a low source/high demand (LS/HD) deployable ground-based C2 asset. This automated, computer-based information system provides operators the real-time battlespace visualization necessary to plan, direct, and control tactical air operations and airspace management tasks. AN/TRC-215 RRSVS is a mobile, vehicle-mounted voice radio and OM-interface unit. The RRSVS allows real-time, secure voice communication between aircraft operating in the battlespace and ground-based BMC2 operators located in the OM of the CRC. The AN/TRC-215 is typically deployed to a remote area which can extend the CRCs radio coverage beyond line of sight (BLOS) using organic SATCOM capabilities.

The 3DELRR program is developing a replacement for the current legacy AN/TPS-75 radar. 3DELRR will be the principal USAF long-range, ground-based sensor for detecting, identifying, tracking, and reporting aircraft and missiles in support of the Joint Forces Air Component Commander (JFACC) through the Ground Theater Air Control System (GTACS). The primary mission of the 3DELRR will be to provide long-range surveillance, control of aircraft, theater ballistic missile detection and Combat Identification (CID). The 3DELRR will respond to the operational need to detect and report highly maneuverable, small radar cross section targets to

PE 0207412F: Modular Control System

Air Force

**DATE:** February 2012

**Exhibit R-2**, **RDT&E Budget Item Justification:** PB 2013 Air Force

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0207412F: Modular Control System

BA 7: Operational Systems Development

enable battlespace awareness while at the same time mitigating the reliability, maintainability, and sustainability issues plaguing the AN/TPS-75 radar system. Ongoing planning and associated activities will take place to prevent and overcome diminishing manufacturing sources and obsolescence issues as required.

Activities also include studies and analysis to support both current program planning and execution, as well as future program planning.

This program is in Budget Activity 7, Operational System Development, these budget activities include development efforts to upgrade systems currently fielded or has approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	58.313	3.954	7.212	-	7.212
Current President's Budget	52.120	3.387	8.653	-	8.653
Total Adjustments	-6.193	-0.567	1.441	-	1.441
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-1.055	-			
<ul> <li>SBIR/STTR Transfer</li> </ul>	-3.618	-			
Other Adjustments	-1.520	-0.567	1.441	-	1.441

## **Change Summary Explanation**

Funding change in FY13 is due to increase for C2 engine modification, increase for inflation rates-nonpay, nonfuel, and decrease due to termination of TPS-75 Mode 5 for Control and Reporting Center.

PE 0207412F: Modular Control System

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Exhibit R-2A, RDT&E Project Jus	tification: PE	3 2013 Air Fo	orce						<b>DATE:</b> Febr	uary 2012	
APPROPRIATION/BUDGET ACTIV 3600: Research, Development, Tes BA 7: Operational Systems Develop	t & Evaluation	n, Air Force			I <b>OMENCLA</b> 1 2F: <i>Modular</i>	<b>TURE</b> Control Syst	em	PROJECT 67485L: Th (TACSI)	7485L: Theater Air Control System FACSI) Cost To		Imp
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017		Total Cost
67485L: Theater Air Control System Imp (TACSI)	9.363	3.387	8.653	-	8.653	7.029	0.562	0.578	0.586	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

### A. Mission Description and Budget Item Justification

The Control and Reporting Center (CRC) program element provides development and modernization of mobile ground-based command and control (C2) capabilities. The CRC is a ground-based theater air control system (TACS) surveillance and battle management command and control (BMC2) element. It consists of facilities, equipment, and people. It is a tailorable, modular, transportable, sustainable, and persistent weapon system employed at the tactical level to support air and surface operations. The CRC projects include development of Theater Air Control Systems Improvement (TACSI) capabilities and the Three-Dimensional Expeditionary Long-Range Radar (3DELRR). Currently USAF CRCs are fully employed in Operations NEW DAWN, ENDURING FREEDOM, and NOBLE EAGLE. The TACSI project develops and modernizes software and hardware to make the CRC a viable BMC2 element. These efforts include, but are not limited to, the development and modernization of the AN/TYQ-23 Operations Module (OM) and the AN/TRC-215 Remote Radio Secure Voice System (RRSVS).

AN/TYQ-23 OM is a low source/high demand (LS/HD) rapidly deployable ground-based C2 asset. This automated, computer-based information system provides operators the real-time battlespace picture necessary to plan, direct, and control tactical air operations and airspace management tasks. AN/TRC-215 RRSVS is a mobile, vehicle-mounted voice radio and OM-interface unit. The RRSVS allows real-time, secure voice communication between aircraft operating in the battlespace and ground-based battle management C2 operators located in the OM of the CRC.

OMs and RRSVS units are currently deployed world-wide in support of ongoing operations. Service Life Extension Program (SLEP) efforts to provide capability upgrades/improvements such as associated Mode 5 passive and/or active Identify Friend or Foe (IFF), and C2 Engine Upgrade are being developed for the CRC. Beginning in FY13, activities will include, but not be limited to, studies, analysis, design and prototype, documentation, testing, and production to support both current program planning and execution and future program planning. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Continue upgrades to CRC	7.664	2.042	7.202	-	7.202
<b>Description:</b> Continue upgrades to CRC to include advanced planning, Modular Control System (MCS) upgrades, enhanced radio/radar/data link remoting, integrating upgrades into CRC; C2 Engine Upgrade; and AN/TPS-75 sensor replacement/upgrade.					

PE 0207412F: Modular Control System

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		D	ATE: Febru	ary 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0207412F: Modular Control System	6	ROJECT 7485L: Thea 7ACSI)	SL: Theater Air Control System (SI)  FY 2013 FY 2013		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012			FY 2013 Total
FY 2011 Accomplishments:  Performed development & delivery of software upgrades to RRSVS to of RRSVS & redesign of the remote control terminal and server software system; performed development & delivery of AN/TYQ-23 V5 SLEP Proceedings of the remote control terminal and server software system; performed development & delivery of AN/TYQ-23 V5 SLEP Proceedings of the remote control terminal and server software upgrades to RRSVS to of RRSVS & redesign of the remote control terminal and server software upgrades to RRSVS to of RRSVS & redesign of the remote control terminal and server software upgrades to RRSVS to of RRSVS & redesign of the remote control terminal and server software upgrades to RRSVS to of RRSVS & redesign of the remote control terminal and server software upgrades to RRSVS to of RRSVS & redesign of the remote control terminal and server software upgrades to RRSVS & redesign of the remote control terminal and server software upgrades to RRSVS & redesign of the remote control terminal and server software upgrades and the remote control terminal and server software upgrades and the remote control terminal and server software upgrades and the remote control terminal and the remote con	re to operate on a Linux based operating					
FY 2012 Plans: Performing development & delivery of software upgrades to RRSVS to designs for next increment of RRSVS; and will begin initial developme						
FY 2013 Base Plans: Will perform development & delivery of software upgrades to RRSVS t designs for next increment of RRSVS; and will begin initial developme						
FY 2013 OCO Plans: N/A						
Title: Test Planning		0.944	0.485	0.900	-	0.900
<b>Description:</b> Continue test and evaluation support						
FY 2011 Accomplishments:  Performed test and evaluation, including prototype and feasibility testing and transport technology upgrades for RRSVS; Performed test activities.						
FY 2012 Plans: Performing test and evaluation to include, but not be limited to, testing technology upgrades for RRSVS; test activities for radio interface with						
FY 2013 Base Plans: Will perform test and evaluation to include, but not limited to, prototype associated with new radios and transport technology upgrades for RR						
FY 2013 OCO Plans: N/A						
Title: Sys Eng/Tech Support		0.672	0.790	0.504	-	0.504
Description: Continue Systems Engineering/Technical Support						

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PE 0207412F: *Modular Control System* Air Force

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Exhibit R-2A, RDT&E Project Jus	tification: PB	2013 Air Fo	orce					D	ATE: Febru	uary 2012		
APPROPRIATION/BUDGET ACTIV 3600: Research, Development, Tes BA 7: Operational Systems Develop	t & Evaluation,	Air Force		<b>R-1 ITEM NO</b> PE 0207412		URE Control System	67	ROJECT 485L: Thea ACSI)	- heater Air Control System Imp			
B. Accomplishments/Planned Pro	ograms (\$ in N	<u>/lillions)</u>					FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	
FY 2011 Accomplishments: Performed Systems Engineering/Te	echnical Suppo	ort.										
FY 2012 Plans: Performing Systems Engineering/T	echnical Supp	ort.										
FY 2013 Base Plans: Will perform Systems Engineering/	Technical Supp	oort.										
<b>FY 2013 OCO Plans:</b> N/A												
Title: Program Management and A	dministration						0.083	0.070	0.047	-	0.04	
Description: Continue Manageme	nt Services											
FY 2011 Accomplishments: Continued Management Services												
FY 2012 Plans: Continuing Management Services												
FY 2013 Base Plans: Will continue Management Service	S											
<b>FY 2013 OCO Plans:</b> N/A												
			Accomplis	hments/Pla	nned Progra	ams Subtotals	9.363	3.387	8.653	-	8.65	
C. Other Program Funding Summ	nary (\$ in Milli	ons)										
			FY 2013	FY 2013	FY 2013					Cost To		
Line Item • PE 0207412F: Control and Reporting Center, (OPAF)	<b>FY 2011</b> 20.118	<b>FY 2012</b> 22.740	<u><b>Base</b></u> 23.483	<u>OCO</u> 0.000	<u>Total</u> 23.483	<b>FY 2014</b> 30.585	<b>FY 2015</b> 33.390	<b>FY 2016</b> 17.375		Complete Continuing		

PE 0207412F: *Modular Control System* Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012
		PROJECT	actor Air Control System Imp
3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	PE 0207412F: Modular Control System	(TACSI)	eater Air Control System Imp

## D. Acquisition Strategy

The CRC program is utilizing evolutionary development to modernize and further advance current and future battlespace awareness and tactical BMC2 capabilities. A variety of contract types will be utilized depending on type of effort. Contracting strategy will include but is not limited to open competition, sole source contracts, and interdepartmental purchase requests.

## E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contribution	ng to Air
Force performance goals and most importantly, how they contribute to our mission.	

PE 0207412F: Modular Control System

Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0207412F: Modular Control System	PROJECT 67485L: Theater Air Control System Imp (TACSI)			
	,				

PE 0207412F: Modular Control System Air Force

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force			<b>DATE:</b> February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
	PE 0207412F: Modular Control System		eater Air Control System Imp
BA 7: Operational Systems Development		(TACSI)	

# Schedule Details

	Sta	art	En	d
Events	Quarter	Year	Quarter	Year
TPS-75 SLEP Design/Development	1	2011	1	2012
TPS-75 SLEP Developmental/Operational Testing	1	2012	1	2013
TPS-75 SLEP Production/Fielding	1	2013	3	2016
Remote Radio Spiral 3.1 Design/Development/Test	1	2011	2	2011
Remote Radio Spiral 3.1 Updates Fielding	4	2011	4	2012
Remote Radio Spiral 3.2 Concept/Design/Development	1	2011	3	2012
Remote Radio Spiral 3.2 Developmental Testing	4	2012	4	2012
Remote Radio Spiral 3.2 Fielding	3	2013	4	2016
OM v(5) SLEP PDR	1	2011	1	2011
OM v(5) SLEP CDR	2	2011	2	2011
OM v(5) SLEP Developmental/Operational Testing	1	2012	2	2012
C2 Engine Upgrade Design/Development	2	2012	2	2014
C2 Engine Upgrade Developmental/Operational Testing	1	2014	1	2015
C2 Engine Upgrade Production/Fielding	1	2015	4	2017

PE 0207412F: Modular Control System

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force  DATE: February 2012											
APPROPRIATION/BUDGET ACT 3600: Research, Development, Te BA 7: Operational Systems Devel	st & Evaluatio	n, Air Force			<b>IOMENCLA</b> 2F: <i>Modular</i>	TURE Control Syst	tem	PROJECT 675294: Theater Air Control System Improvement - Radar (TACSI-R)			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
675294: Theater Air Control System Improvement - Radar (TACSI-R)	42.757	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### **Note**

In FY 2012, Project 5294, Theater Control System Improvement-Radar (TACSI-R) efforts transferred to PE 0604283F, Battle Management Command & Control (BMC2) Sensor Development, Project 6002, Three Dimensional Expeditionary Long Range Radar in order to provide this pre-Major Defense Acquisition Program its own Program Element.

### A. Mission Description and Budget Item Justification

The Three-Dimensional Expeditionary Long-Range Radar (3DELRR) program is developing a replacement for the current legacy AN/TPS-75 radar. 3DELRR will be the principal USAF long-range, ground-based sensor for detecting, identifying, tracking, and reporting aircraft and missiles in support of the Joint Forces Air Component Commander (JFACC) through the Ground Theater Air Control System (GTACS). The primary mission of the 3DELRR will be to provide long-range surveillance, control of aircraft, and theater ballistic missile detection and Combat Identification (CID). The 3DELRR will respond to the operational need to detect and report highly maneuverable, small radar cross section targets to enable battlespace awareness while at the same time mitigating the reliability, maintainability, and sustainability issues plaguing the AN/TPS-75 radar system.

3DELRR will provide air controllers with a precise, real-time air picture of sufficient quality to conduct close control of individual aircraft under a wide range of environmental and operational conditions. In the case of theater missile defense operations, the 3DELRR will have the capability to detect, track, and disseminate target information to respective command and control nodes such as the Control and Reporting Center (CRC) to disseminate for warning and engagement. Similarly, the joint targeting process will benefit from trajectory information provided by the 3DELRR, which will include launch and impact location.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
	F1 2011	F1 2012	Dase	000	TOLAI
Title: Technology Development (TD) and Program Definition and Risk Reduction (PDRR)	35.445	=	-	-	-
<b>Description:</b> Technology development (TD) phase and Program Definition and Risk Reduction (PDRR) efforts associated with delivering a new long-range, ground-based sensor.					
FY 2011 Accomplishments:					
Continued the Technology Development (TD) Phase and risk reduction efforts of 3DELRR. Activities included					
demonstration of Critical Technology Elements (CTEs) to Technology Readiness Level (TRL) 6, design options					
analyses, requirements refinement, identification and analyses of existing and emerging system threats					

PE 0207412F: Modular Control System

Air Force

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Exhibit D 24 DDT9E Brainet Juntification, DD 2042 Air Force				ATE: Eabri	Jany 2012		
Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force  APPROPRIATION/BUDGET ACTIVITY  3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0207412F: Modular Control System	PROJECT 675294: Theater Air Control Improvement - Radar (TAC)			trol System	ol System	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	
(including cyber warfare). Results were captured in appropriate tecl revision, test planning, and Milestone B documentation development not limited to, a full and open competition, design development, devisimulation, and execution of the program protection plan.	nt. Planned for PDRR activities including, but						
<b>FY 2012 Plans:</b> N/A							
FY 2013 Base Plans: N/A							
FY 2013 OCO Plans: N/A							
Title: Test and Evaluation Support		0.241	-	-	-	-	
Description: Continue Program Support (i.e., travel, supplies, equi	pment, miscellaneous)						
FY 2011 Accomplishments: Conducted test and evaluation to include, but not limited to, developmentation, planning of future developmental test and evaluation and participation in technical and test-related working groups.							
<b>FY 2012 Plans:</b> N/A							
FY 2013 Base Plans: N/A							
FY 2013 OCO Plans: N/A							
Title: Systems Engineering/Technical Support		6.576	-	-	-	-	
<b>Description:</b> Continue Systems Engineering/Technical Support							
FY 2011 Accomplishments: Continued Systems Engineering/Technical Support							
FY 2012 Plans:							

PE 0207412F: Modular Control System

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Exhibit R-2A, RDT&E Project Justif	ication: PB	2013 Air Fo	rce					D	ATE: Febr	uary 2012	
APPROPRIATION/BUDGET ACTIVIT 3600: Research, Development, Test & BA 7: Operational Systems Developm	& Evaluation,	, Air Force		<b>R-1 ITEM NO</b> PE 02074121		URE Control Syste	<i>m</i> 6	ROJECT 75294: Thea nprovement		ntrol System ACSI-R)	
B. Accomplishments/Planned Prog	rams (\$ in N	<u>Millions)</u>					FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
N/A							112011	112012	Dasc		Total
FY 2013 Base Plans: N/A											
FY 2013 OCO Plans: N/A											
Title: Management Services							0.495	5 -	-	-	-
Description: Program Management	and Adminis	tration									
FY 2011 Accomplishments: Provided management and administra	ative service	s support.									
<b>FY 2012 Plans:</b> N/A											
FY 2013 Base Plans: N/A											
FY 2013 OCO Plans: N/A											
			Accomplis	hments/Plar	nned Progra	ıms Subtota	42.757	7 -	-	-	-
C. Other Program Funding Summa	ry (\$ in Milli	ons)									
	• (	,	FY 2013	FY 2013	FY 2013					Cost To	
Line Item	FY 2011	FY 2012	Base	<u>000</u>	<u>Total</u>	FY 2014	FY 2015	FY 2016		Complete	
PE 0604283F: Battle     Management Command & Control	11.939	30.362	114.417	0.000	114.417	0.000	0.000	0.000	0.000	Continuing	Continuing
PE 0207455F: Three Dimensional Expeditionary Long Range Radar	0.000	0.000	0.000	0.000	0.000	70.160	69.533	89.985	54.000	Continuing	Continuing
WSC 833040: Theater Air Control System Improvement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	66.644	Continuing	Continuing

PE 0207412F: *Modular Control System* Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY  3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	Control System 675294: Th	eater Air Control System nt - Radar (TACSI-R)

## D. Acquisition Strategy

PE 0604283F, Three-Dimensional Expeditionary Long-Range Radar (3DELRR), is providing full capability via full and open competition to further advance C2 capabilities supporting battlefield command and control.

### E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

PE 0207412F: Modular Control System

Air Force

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force	R-1 ITEM NOMENCLATURE PE 0207412F: Modular Control System	PROJECT 675294: Theater Air Control System
BA 7: Operational Systems Development	·	Improvement - Radar (TACSI-R)

PE 0207412F: Modular Control System

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force			<b>DATE:</b> February 2012	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT		
3600: Research, Development, Test & Evaluation, Air Force	PE 0207412F: Modular Control System	675294: Th	eater Air Control System	
BA 7: Operational Systems Development		Improveme	nt - Radar (TACSI-R)	

# Schedule Details

	Start		End	
Events	Quarter	Year	Quarter	Year
3DELRR On-going Risk Reduction	1	2011	4	2011
3DELRR On-going System Development	1	2011	4	2011
3DELRR TD Phase Capability Demo B	1	2011	1	2011

PE 0207412F: *Modular Control System* Air Force

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